LITEON
www.liteonit.com

Ver. 1.1

Slim 8x4x8x4x DVDRW Drive

Features

SLW-831S

★ **12.7 mm height for notebook computer use.**

★ **High efficient power saving modes and ACPI compliant**

★ **Fast access time and high data transfer rate, could be vertical mounted(optional)**

★ **SMART-X** Smart Monitoring & Adjusting Read-speed Technology for eXtraction

★ **SMART-BURN®** Smart Monitoring & Adapting Recording Technology for Burning

★ **Confom to Orange Book :**Part 2 CD-R Volume 1 , Part 2 CD-R Volume 2 Multi Speed, Part 3 CD-RW Volume2 :High Speed, Part 3 CD-RW Volume 3 : Ultra Speed. Support Fixed packet , Variable packet , Disc-at-once, Session-at-once and Track-at-once

★ **Support Over-Burn and Raw mode copy**

★ **DVD read compliant: DVD single / dual layer (PTP, OTP), DVD-R (3.9G/ 4.7G), DVD-R multi-borders, DVD-R Double Layer , DVD+R , DVD+R mulit-sessions, DVD+R Double Layer,DVD-RW , and DVD+RW discs with diamerter of 8 or 12 cm**

★ **CD read compliant :CD-DA , CD-ROM , CD-ROM/ XA , Photo-CD , Multi-session, Video-CD , CD-I FMV, CD Extra, CD Plus , CD-R , and CD-RW discs of 8 or 12 cm diameter**

★ **Support PIO mode 4 , DMA mode 2 and Ultra DMA mode 2**

Specifications

◎ **Performance :**

◎ **Writing DVD+R : 8X (10800KB/sec) maximum by ZCLV**

◎ **ReWrite DVD+RW :4X(5400KB/sec) mzximum by ZCLV**

◎ **Write DVD-R: 8X (10800 KB/sec) maximum by ZCLV**

◎ **REWrite DVD-RW : 4X(5400KB/sec) maximum by ZCLV**

◎ **DL Write DVD+R : 4 X (5400/sec) maximum by CLV**

◎ **Read : CD Family 24 X (3600KB/sec) maximum by CAV**

◎ **DVD Family 8x (10800KB/sec)maximum by CAV**

◎ **Access time : CD Family 110 ms**

◎ **DVD Family 130 ms**

◎ **Buffer Size :** 2 MB(Max)

◎ **Compatibility :** MS-Windows 95/98/NT 4.0/ME / 2000 / XP

◎ **PC Required** Pentium 166MHz or faster CPU , 64MB DRAM Required HDD must have access time < 20ms , with a minimum of 100 Mbytes Free space

◎ **MTBF(Life) :** 60,000 Hours

◎ **S/N Ration :** > 78dB

◎ **Environment :** Operating 5˚C to 55˚C, (30˚C per hour max)
Non-Operating -40˚C to 65˚C, (30˚C per hour max)

◎ **Weight :** 195 g

***1 SMART-BURN : S**mart **M**onitoring & **A**dapting **R**ecording **T**echnology for **BURN**ing.
***2 SMART-X : S**mart **M**onitoring & **A**djusting **R**ead-speed **T**echnology for e**X**traction.
***3 ABS : A**uto **B**alance **S**pindle

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